

## **PLANT MAINTENANCE MECHANIC II**

### **PURPOSE AND NATURE OF WORK**

This is extremely skilled maintenance work in one or more of the Consolidated Government's utility operating plants. Work involves the installation, adjustment, maintenance, and repair of mechanical equipment. Incumbents also perform necessary preventative maintenance and emergency repair work in addition to routine maintenance. Incumbents often work around unpleasant odors, and hazardous gases and chemicals. They are also required to climb ladders down into work areas or up onto elevated towers, and are occasionally subject to 24 hour call.

Employees of this class exercise general supervision over employees working in the classes of Plant Maintenance Repairman and Plant Maintenance Mechanic I. Routine work is performed with relative independence under the direction of a Plant Maintenance Supervisor. However, more complex tasks are performed under general supervision.

The work of the class differs from that of Plant Maintenance Mechanic I by the knowledges, abilities, and skills necessary, the supervisory responsibilities, and the independence of action in the repair and maintenance of more complex machinery.

**ILLUSTRATIVE EXAMPLES OF WORK** (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Dismantles and repairs auxiliary equipment such as pumps, motors, hydraulic valves, chlorinators, compressors, control valves, pipe systems, and other auxiliary equipment. Changes bearings and packings; cleans motor windings; insulates steam lines. Installs slings, harnesses, and support structures. Repairs hydraulic and pneumatic equipment. Repairs and replaces gaskets and gears; resets and refaces as needed. May perform minor welding and machinist duties when necessary or assist in the repair, design, and fabrication of tools and equipment. Inspects and adjusts flow levels, rate of flow, vibration, etc. Keeps necessary records of maintenance activities including parts inventory, maintenance schedules, etc. Performs preventative maintenance of equipment on a routine basis. Lubricates moving parts.

Performs related work as required.

### **NECESSARY KNOWLEDGES, ABILITIES, AND SKILLS**

Considerable knowledge of the materials, methods, tests, tools, and equipment used in maintenance and repair work in a utility plant.

Considerable knowledge of occupational hazards and safety precautions associated with mechanical equipment maintenance and repair.

Ability to understand and follow complex oral and written instructions and to work from sketches, diagrams, and blueprints.

Ability to locate and repair or replace defective parts.

Ability to establish and maintain effective relationships with superiors, subordinates, and other employees.

Skill in the use and care of tools and equipment common to the mechanical maintenance trade.

### **DESIRABLE TRAINING AND EXPERIENCE**

Graduation from high school supplemented by courses in the mechanical trades, and considerable experience in mechanical maintenance and repair work in an industrial facility; or any equivalent combination of training and experience.